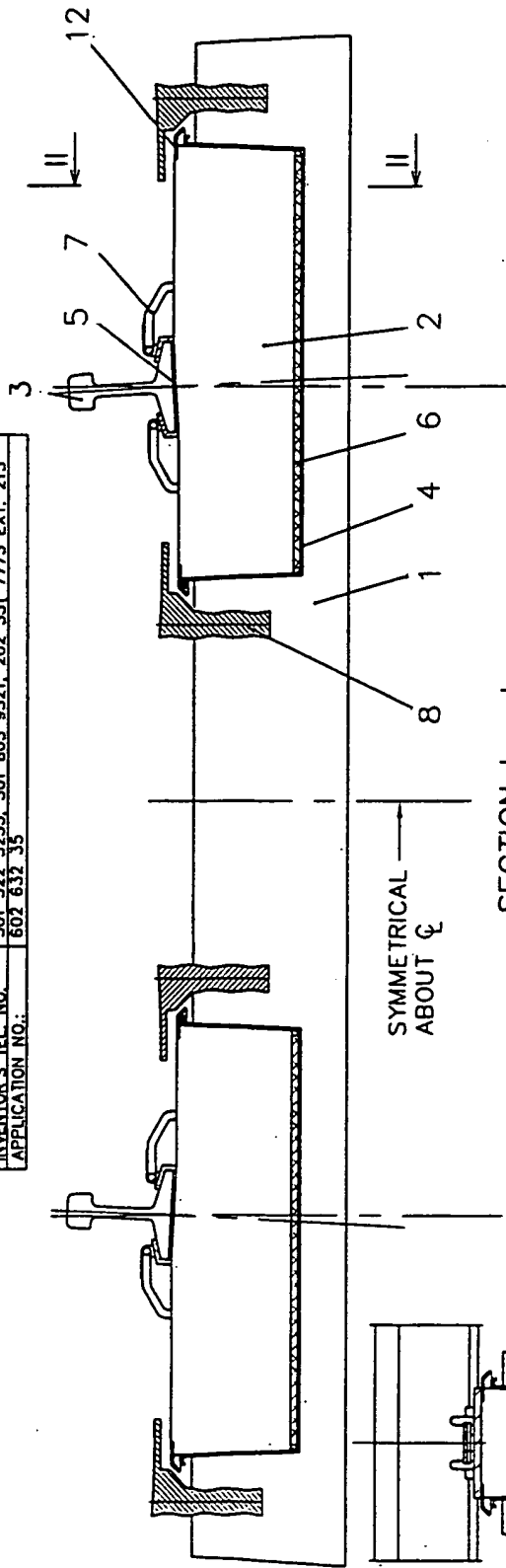
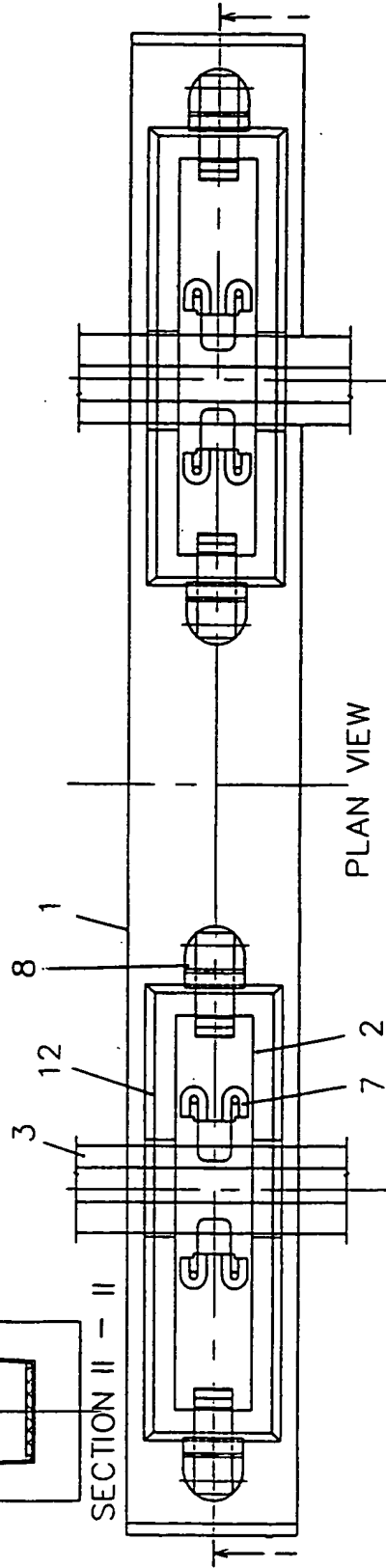


TITLE OF THE INVENTION	INTERNALLY RESILIENT TIE FOR RAILWAY TRACK
INVENTOR'S NAME	JAN H. ZICHA, P.E.
INVENTOR'S TEL. NO.	301 322 5233, 301 805 9321, 202 331 7775 EXT. 213
APPLICATION NO.:	602 632 35



SECTION I - I

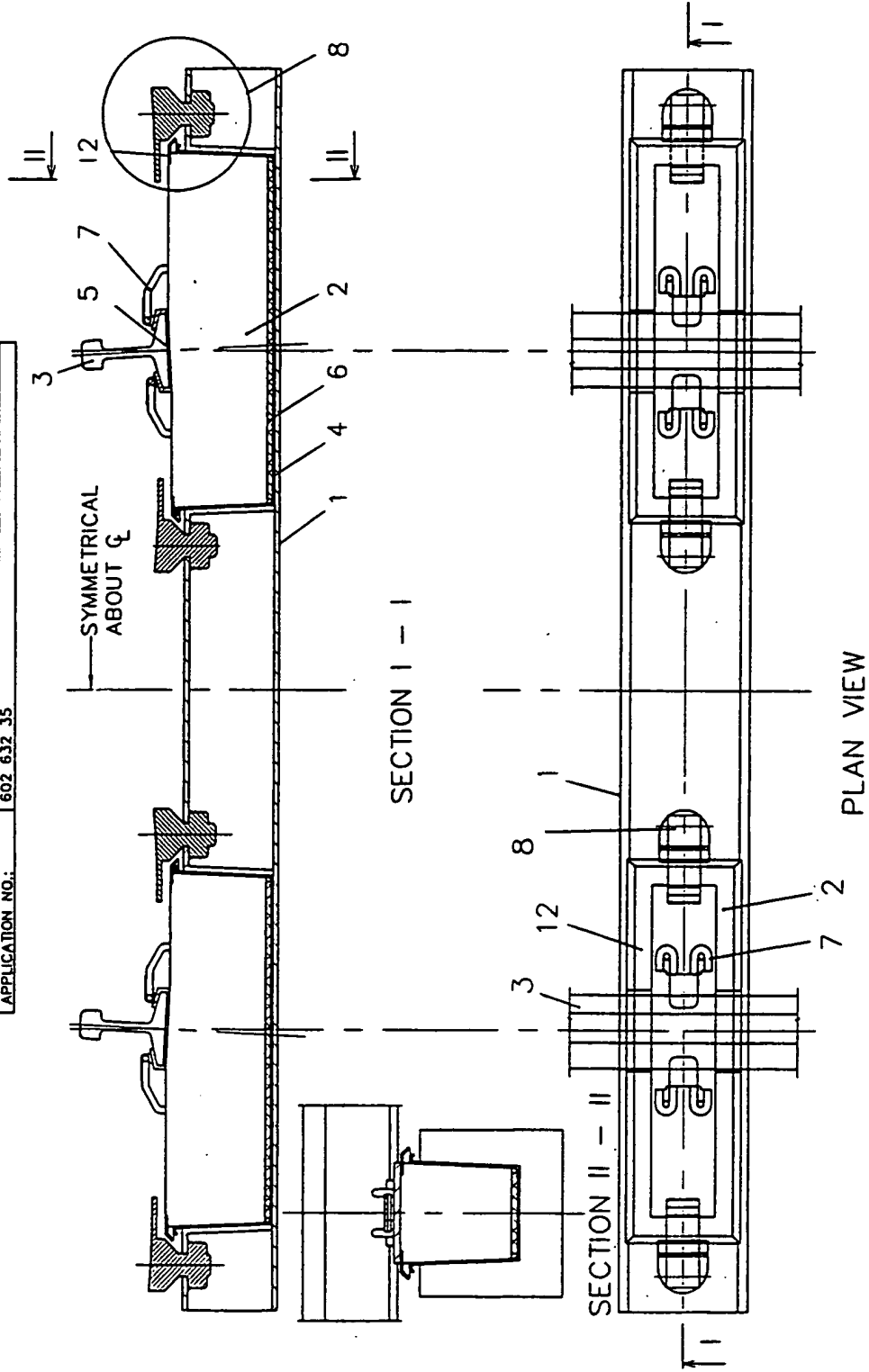


PLAN VIEW

INTERNALLY RESILIENT TIE WITH INDEPENDENT BOOTED BLOCKS AND CONCRETE CASE
NOT TO SCALE

Fig. 1

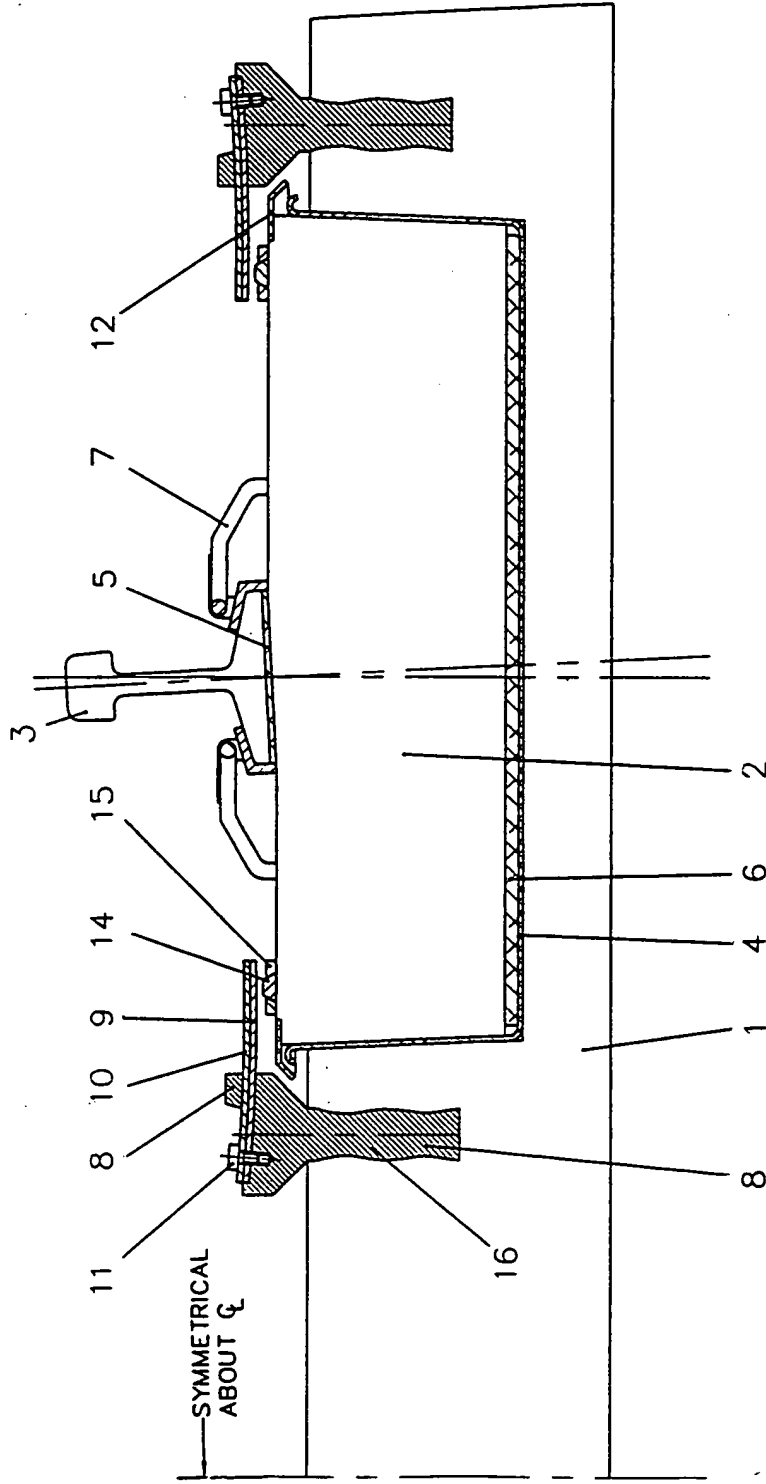
TITLE OF THE INVENTION	INTERNALLY RESILIENT TIE FOR RAILWAY TRACK
INVENTOR'S NAME	JAN H. ZICH, P.E.
INVENTOR'S TEL. NO.	301 322 5233, 301 805 9321, 202 331 7775 EXT. 213
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INTERNALLY RESILIENT TIE WITH INDEPENDENT BOOTED BLOCKS AND STEEL CASE
NOT TO SCALE

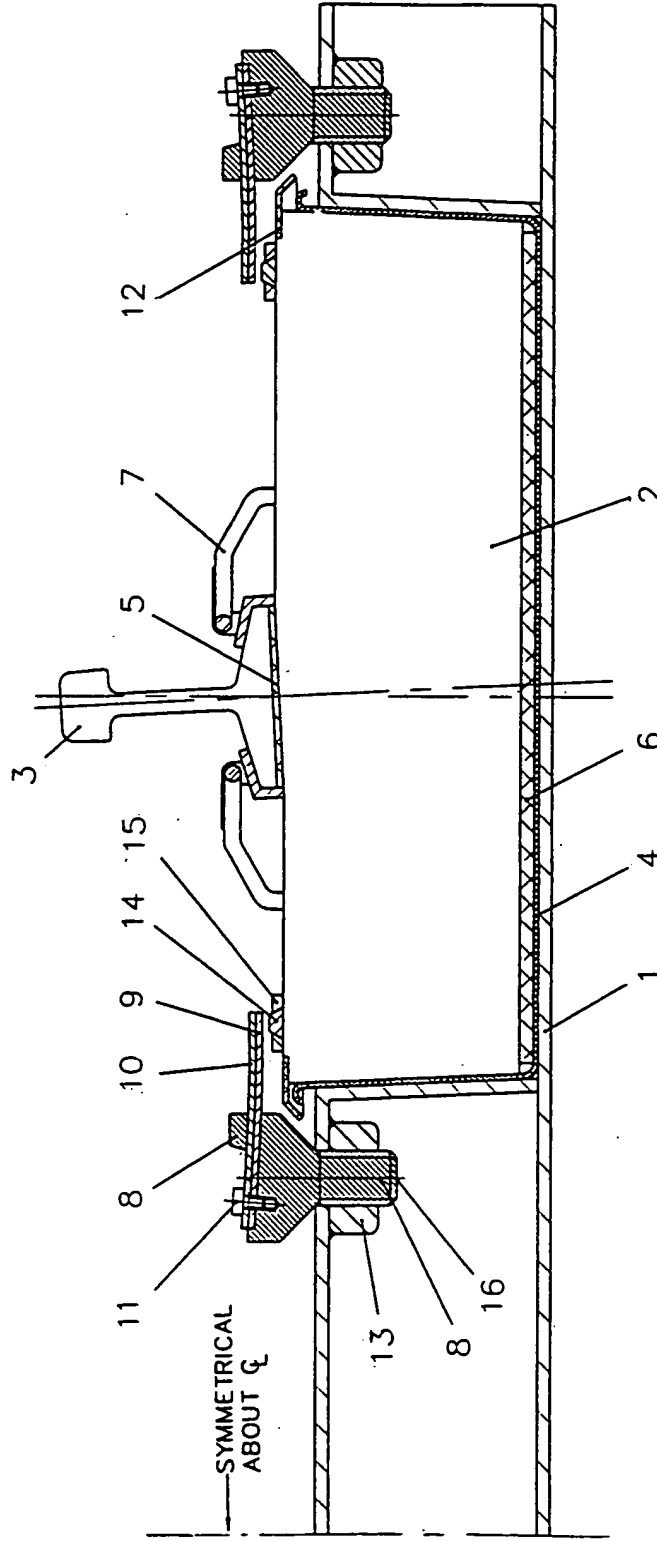
Fig. 2

TITLE OF THE INVENTION	INTERNALLY RESILIENT TIE FOR RAILWAY TRACK
INVENTOR'S NAME	JAN H. ZICHIA, P.E.
INVENTOR'S TEL. NO.	301 322 5233, 301 805 9321, 202 331 7775 EXT. 213
APPLICATION NO.:	802 832 35

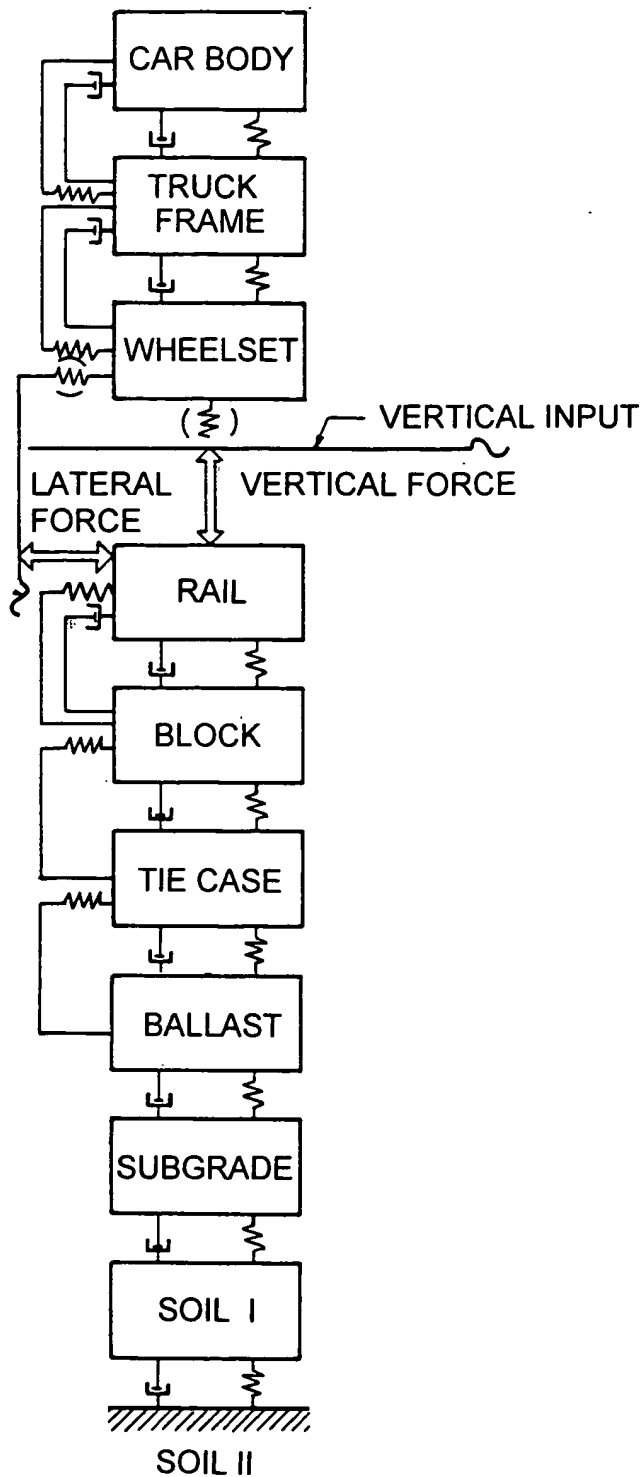


DETAIL OF SECTION I - I SHOWING BLOCK RETAINER OF F i g. 1
 INTERNALLY RESILIENT TIE WITH INDEPENDENT BOOTED BLOCKS AND CONCRETE CASE
 NOT TO SCALE
 F i g. 3

TITLE OF THE INVENTION	INTERNALLY RESILIENT TIE FOR RAILWAY TRACK
INVENTOR'S NAME	JAN H. ZICHIA, P.E.
INVENTOR'S TEL. NO.	301 322 5233, 301 805 9321, 202 331 7775 EXT. 213
APPLICATION NO.	602 632 35



DETAIL OF SECTION I - I SHOWING BLOCK RETAINER OF F i g. 2
 INTERNALLY RESILIENT TIE WITH INDEPENDENT BOOTED BLOCKS AND STEEL CASE
 NOT TO SCALE
 F i g. 4



DYNAMIC TRACK / TRAIN INTERACTION SYSTEM - MODEL FOR ONE AXLE

F i g. 6